

REMARKS

It is noted, with appreciation, that the Examiner has indicated that claims 11-19 have been allowed and that claims 5 and 7-10, although objected to as being dependent upon a rejected base claim, would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 1-4 and 6 have been rejected by the Examiner under 35 U.S.C. 102(b) as being anticipated by Song et al., Publication No. US 2004/0155736A1. This rejection is respectfully traversed.

The present invention is directed to a low voltage microswitch which is capable of being driven at a low voltage, accurately controlling on/off and providing integration with a circuit.

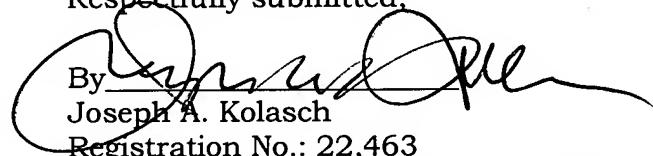
One of the advantageous features of the present invention is the supporting unit and its cooperation with the actuating unit and the switching in the low voltage microswitch of the present invention. As the Examiner will note, claim 1 has been amended to more specifically recite the structure of the supporting unit and its cooperation with other units in defining the low voltage microswitch of the present invention. Thus, claim 1 has been amended to recite that the supporting unit is connected to the actuating unit and the switching unit and position in the actuating space, and further includes a plate portion forming the switching unit and the connecting portions connecting the plate portion and a cantilever of the actuating unit and moving according to the actuation of the actuating unit. The Song reference relied upon by the Examiner does not disclose such a structure wherein the supporting unit includes a plate portion and a connection portion as defined by the present invention. Thus, the technical features of the present invention are clearly different from that of the Song et al. reference. In addition, in one of the technical features of the present invention, advantage can be taken of both the MEMS switch driven by electrostatic force and the MEMS switch driven by magnetic force. Furthermore, in the present invention, the connection portion of the supporting unit can be independently bent

from the actuating unit, and the switching unit can be make contact with the conductive signal line with a relatively small amount of driving power. Also, because the connection portion is bent, the contact area between the switching unit and the conductive signal line can be increased. In other words, the microswitch of the present invention can be driven with a low amount of electrical power and a reduced amount of power consumption. The Song et al. reference does not contain the technical features as discussed hereinabove and accordingly the present invention is technically different and patentably distinct from the Song et al. reference, particularly in not providing any description with respect to the ground unit.

Accordingly, in view of the above amendments and remarks, reconsideration of the rejection and allowance of the present application are respectfully requested.

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Respectfully submitted,


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